

Application Architect / Technical Lead

JOB DESCRIPTION

Summary

We are looking for an experienced Application Architect / Technical Lead to take technical ownership of complex business applications within a modern Agile environment. The role combines application architecture, hands-on development, technical leadership and responsibility for code quality, performance and reliable delivery.

You will work closely with developers, functional and business analysts, testers, project stakeholders and middleware specialists to translate functional requirements into robust technical solutions and ensure architectural consistency throughout the application lifecycle.

Mission

- Define, document and continuously update the application and software architecture.
- Translate functional requirements into detailed technical analysis, design decisions and implementation approaches.
- Take technical ownership of the solution implementation, application performance, code quality and consistency.
- Act as the technical expert for the development team and actively contribute to the development of application modules.
- Establish and enforce software engineering best practices, including Clean Code, SOLID and DRY principles.
- Organise code reviews and refactoring activities to simplify existing code and reduce technical debt.
- Optimise application code with attention to memory management, response times and overall maintainability.
- Validate developments and unit tests and oversee corrective and evolutionary maintenance activities.
- Validate deployments and releases and ensure the solution behaves correctly across the different execution environments.
- Ensure developments comply with enterprise methodological and technological standards.
- Promote framework and library upgrades and other practices that sustainably reduce technical debt.
- Coach and mentor developers under your technical responsibility and help the team strengthen its engineering practices.
- Collaborate with project and delivery stakeholders, provide regular progress feedback and support the qualification and estimation of work packages.
- Work within an Agile / Scrum delivery model and contribute to continuous improvement across the team.

Key Skills

- Expert-level Java development skills, including experience with modern Java and enterprise Java environments.

- Expertise with Spring / Spring Boot and JPA.
- Solid front-end experience with Angular; experience with recent Angular versions and Angular Material is highly valued.
- Experience with state management solutions such as NgRx.
- Expert knowledge of REST APIs and OpenAPI.
- Expert experience with relational databases, particularly DB2 and MySQL.
- Experience with database versioning and migration tools such as Flyway.
- Expert knowledge of unit testing with JUnit and Mockito.
- Strong CI/CD and deployment experience, including Docker-based delivery practices.
- Good command of Apache Maven, Git / GitLab CI/CD and artifact repositories such as Nexus.
- Knowledge of browser-side technologies such as IndexedDB, Dexie and Service Workers is an asset.
- Confirmed experience working in Scrum / Agile teams.
- Strong understanding of software architecture, design patterns, application performance and maintainable development practices.
- Proven ability to lead technically, review code, mentor developers and communicate effectively with both technical and non-technical stakeholders.
- Native or fully professional proficiency in French is required.

Profile

You are a senior application architect and technical leader who remains comfortable close to the code. You can make sound architecture decisions, challenge implementation choices, guide developers and ensure that a complex application remains scalable, maintainable and aligned with delivery objectives. You combine technical depth with pragmatism, clear communication and a strong quality mindset.